P02950-0255950

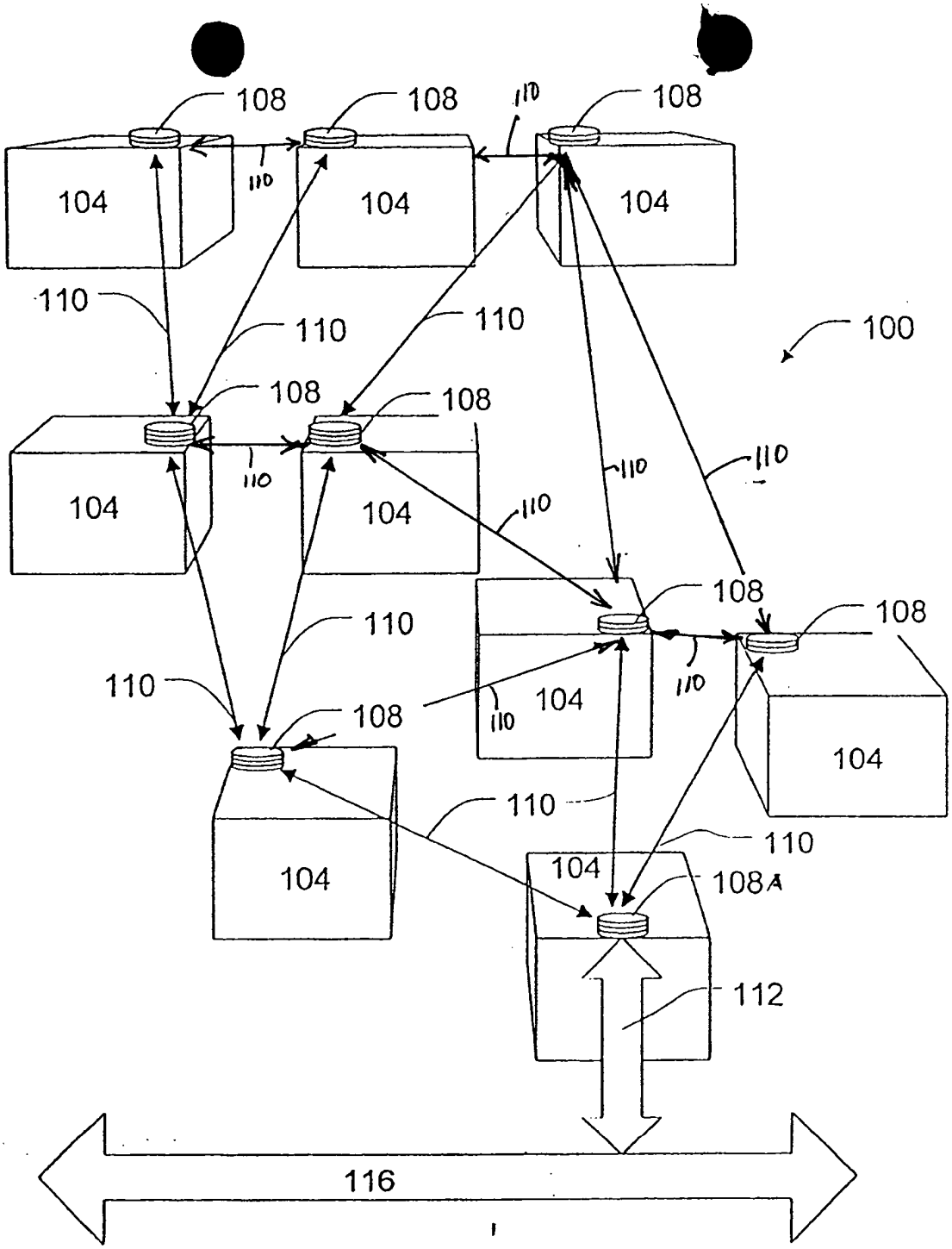

Fig. 1

Doc 1 of 1 - 0255960

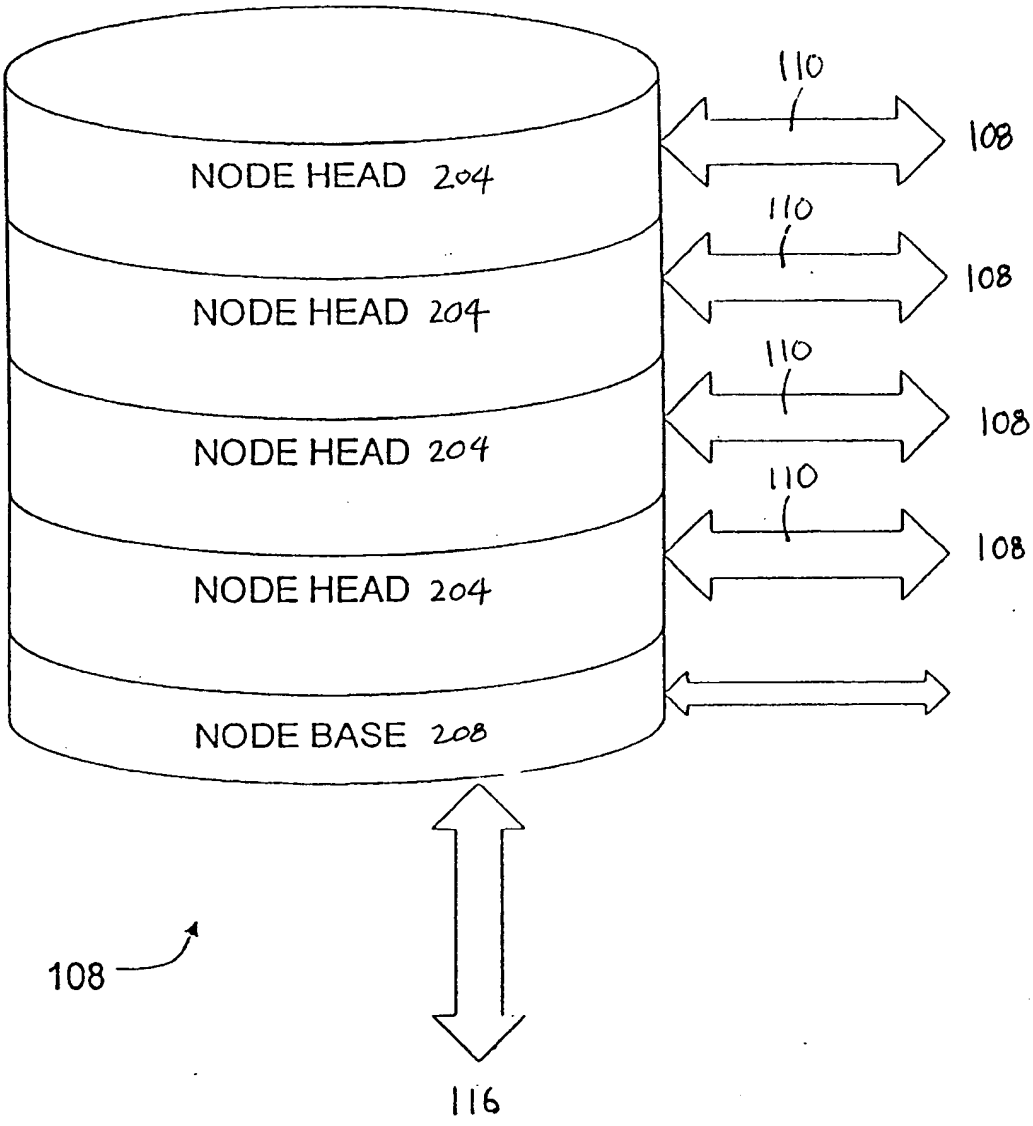

Fig. 2

09552520 - 091204

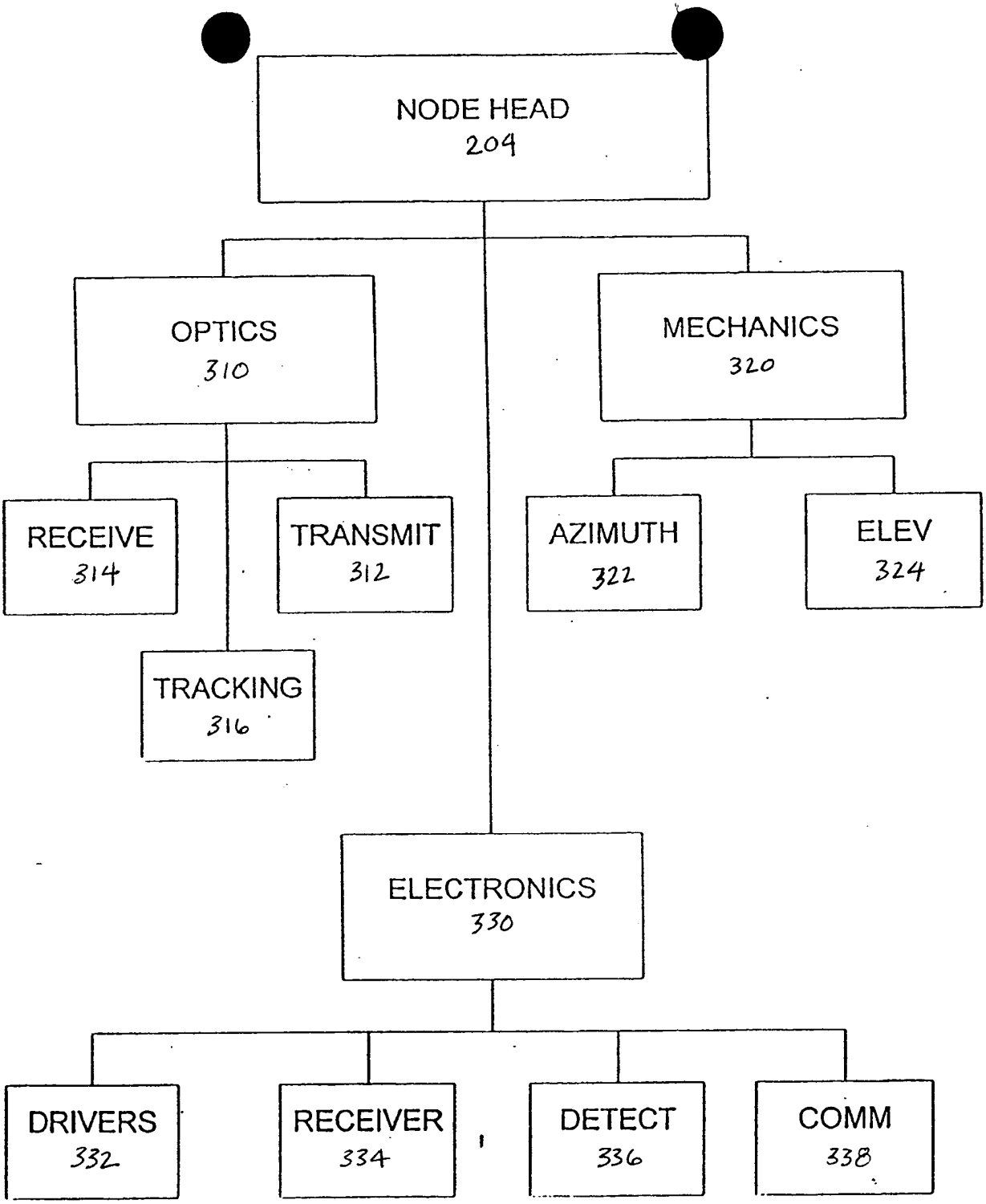

Fig. 3

EC21801-0255550

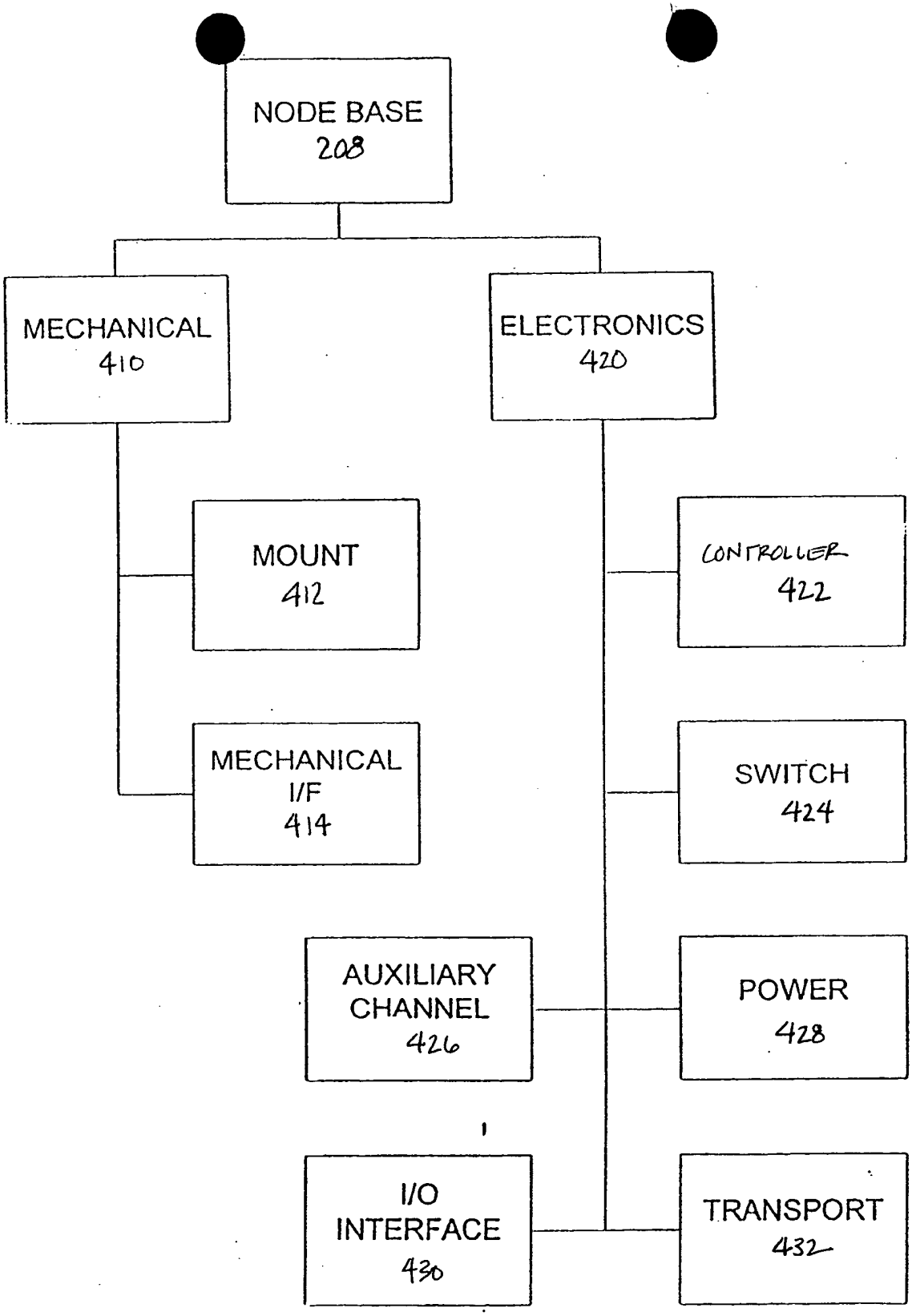

Fig. 4

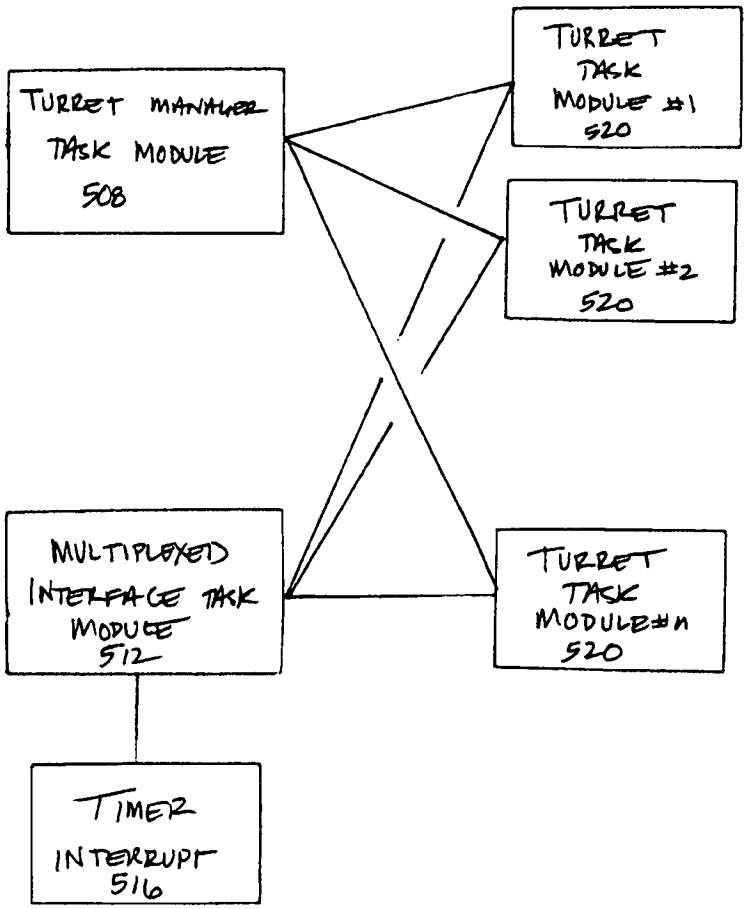
TURRET MANAGER TASK MODULE 508
TURRET TASK MODULE #1 520
TURRET TASK MODULE #2 520
TURRET TASK MODULE#n 520
MULTIPLEXED INTERFACE TASK MODULE 512
TIMER INTERRUPT 516

FIGURE 5

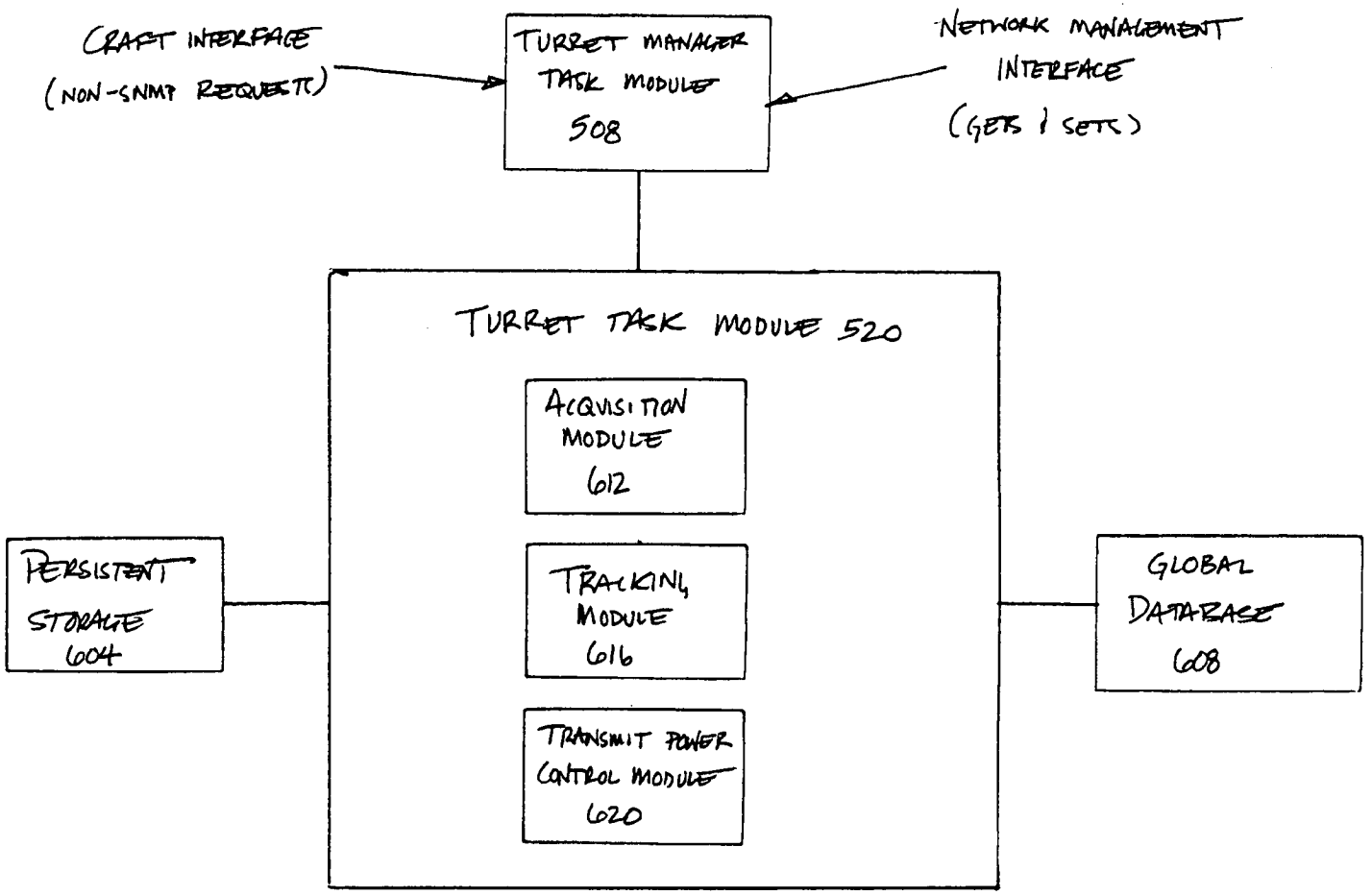
CRAFT INTERFACE
(NON-SNMP REQUESTS)
TURRET MANAGER TASK MODULE
508
NETWORK MANAGEMENT INTERFACE
(GETS & SETS)
TURRET TASK MODULE 520
ACQUISITION MODULE
612
TRACKING MODULE
616
TRANSMIT POWER CONTROL MODULE
620
PERSISTENT STORAGE
604
GLOBAL DATABASE
608

FIGURE 6

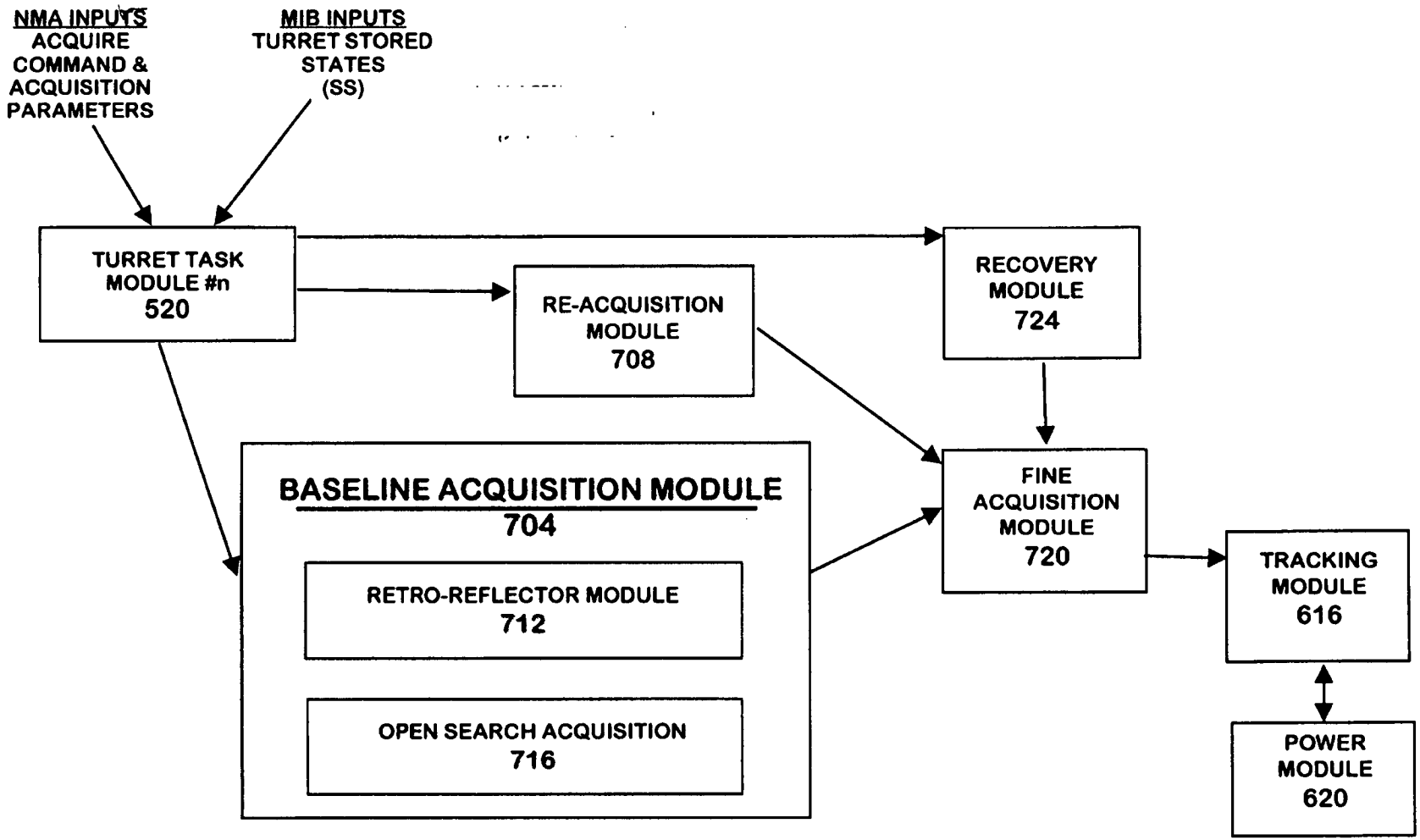
NMA INPUTS
ACQUIRE COMMAND & ACQUISITION PARAMETERS
MIB INPUTS
TURRET STORED STATES (SS)
TURRET TASK MODULE #n
520
RE-ACQUISITION MODULE
708
RECOVERY MODULE
724
BASELINE ACQUISITION MODULE
704
RETRO-REFLECTOR MODULE
712
OPEN SEARCH ACQUISITION
716
FINE ACQUISITION MODULE
720
TRACKING MODULE
616
POWER MODULE
620

Figure 7

4025520.050120

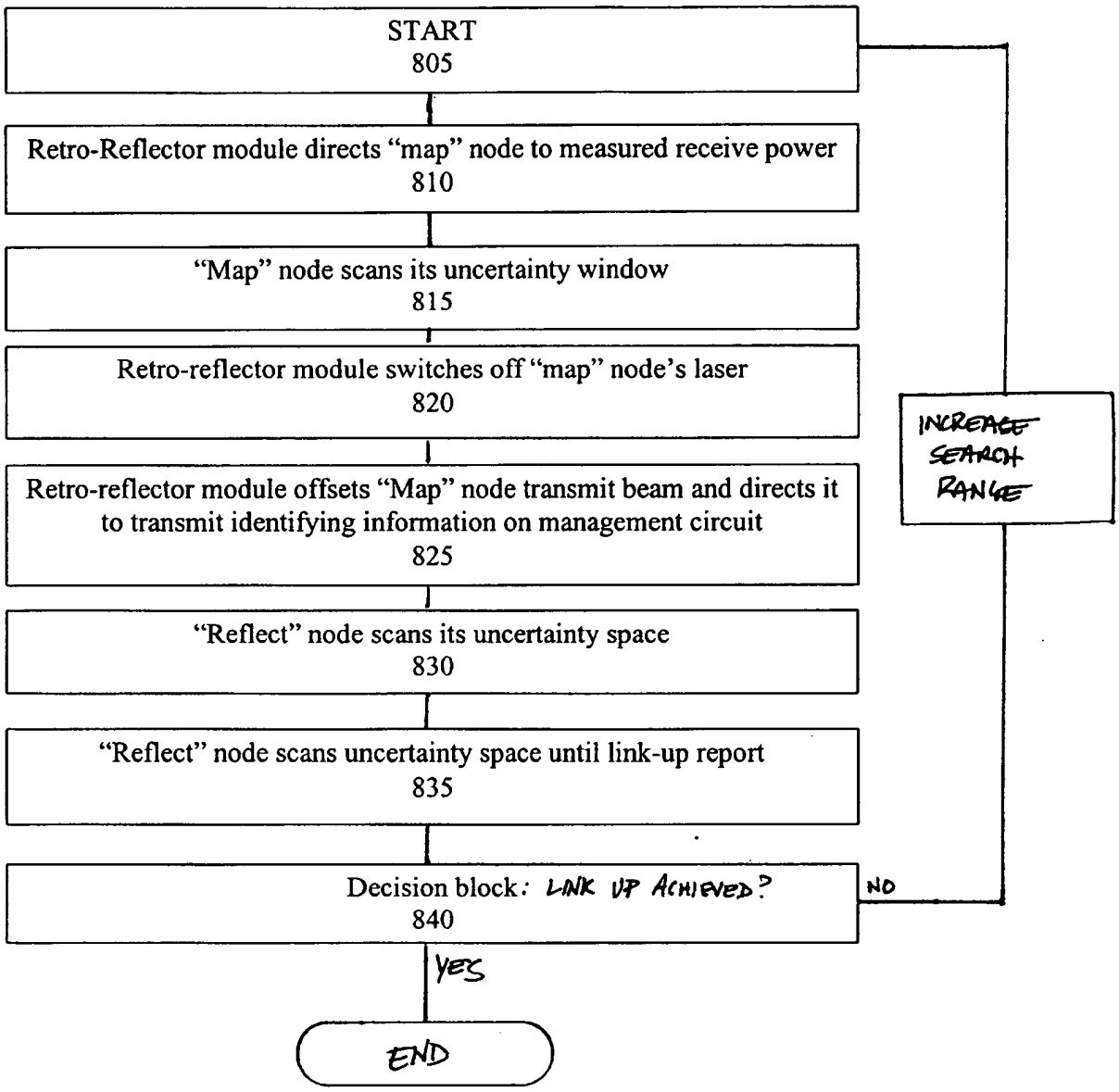

FIG. 8 RETRO-REFLECTOR ACQUISITION MODULE

TP032-60 "02552650

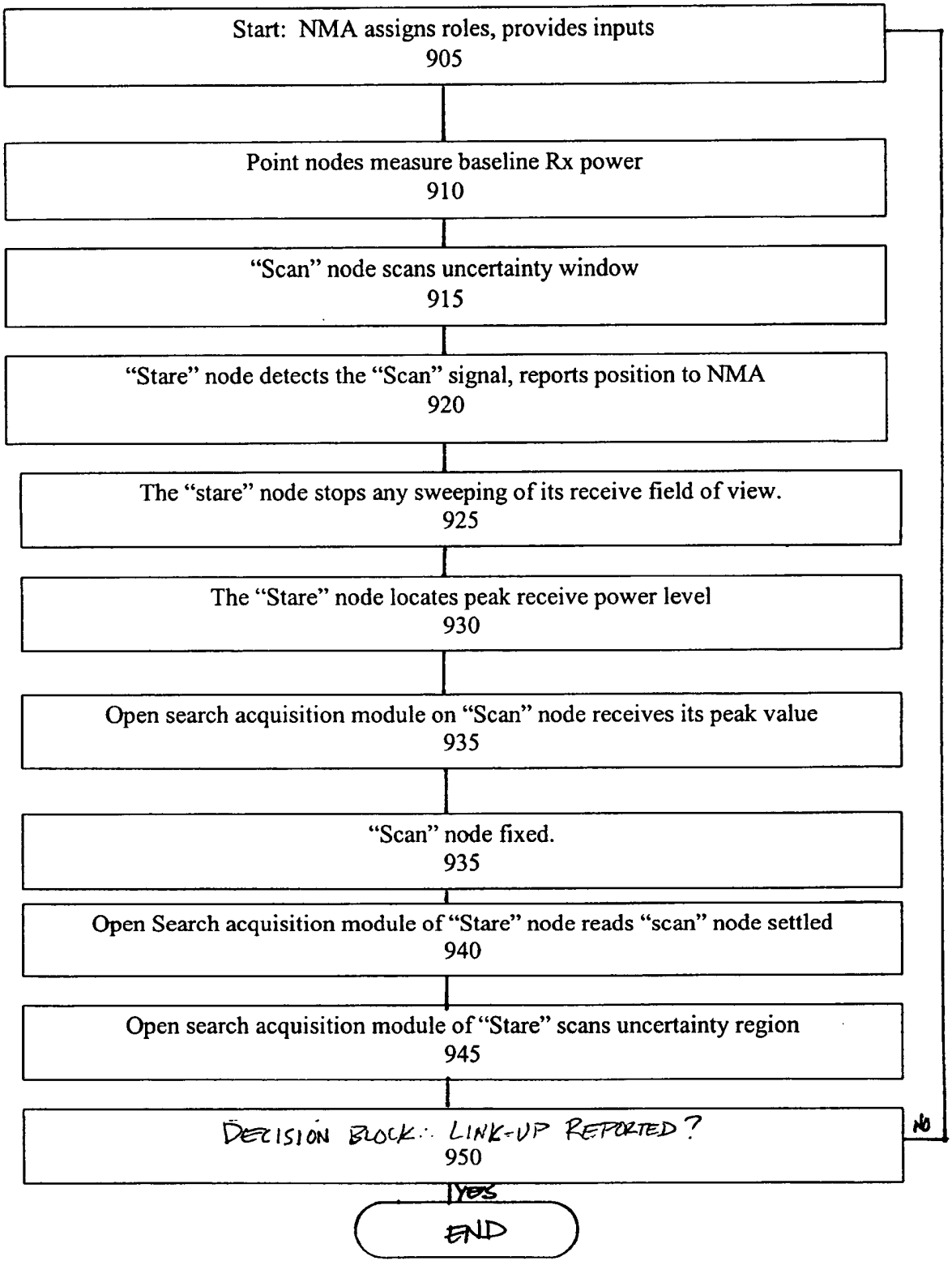

FIG. 9 OPEN SEARCH ACQUISITION MODULE

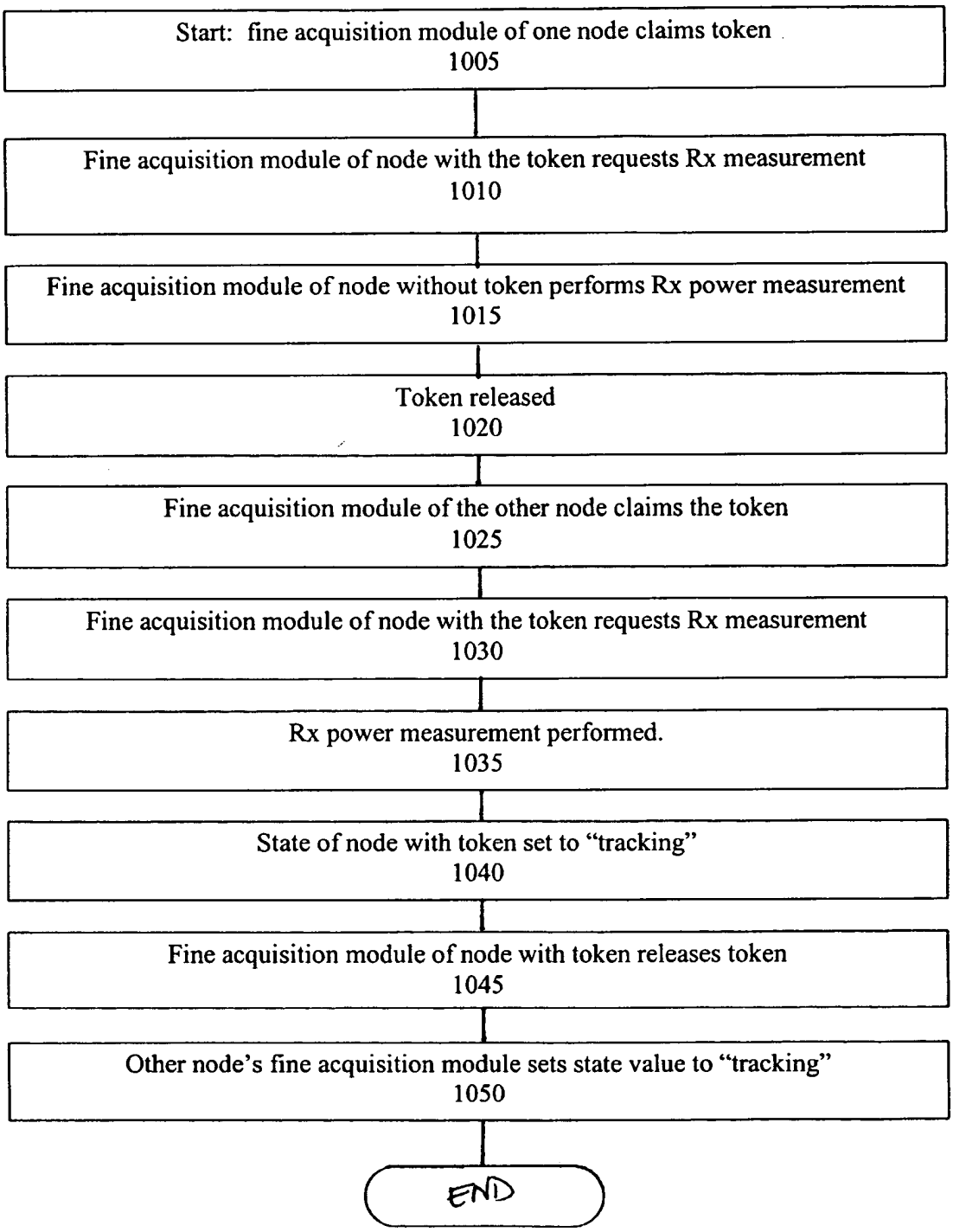

FIG. 10 FINE ACQUISITION

Patent: 6,925,455

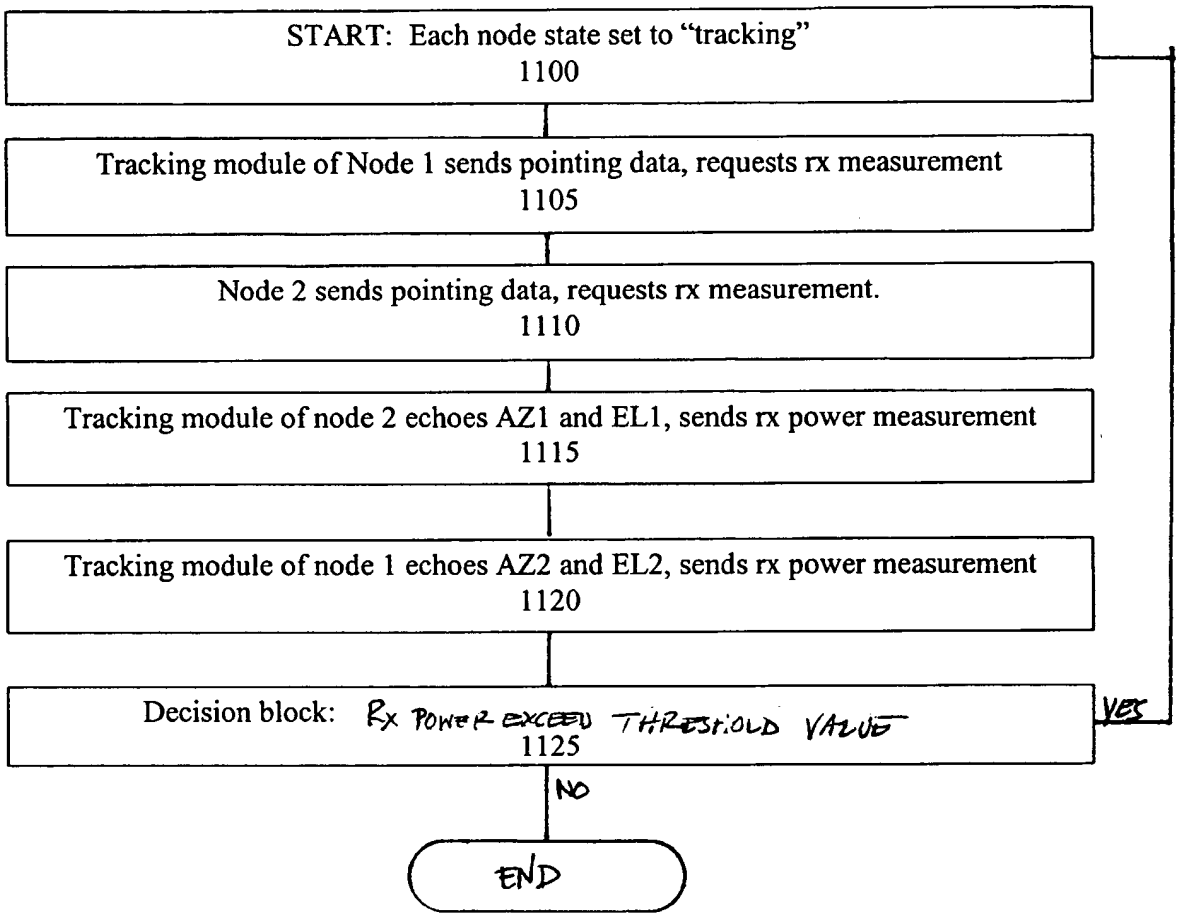

FIG. 11 TRACKING MODULE

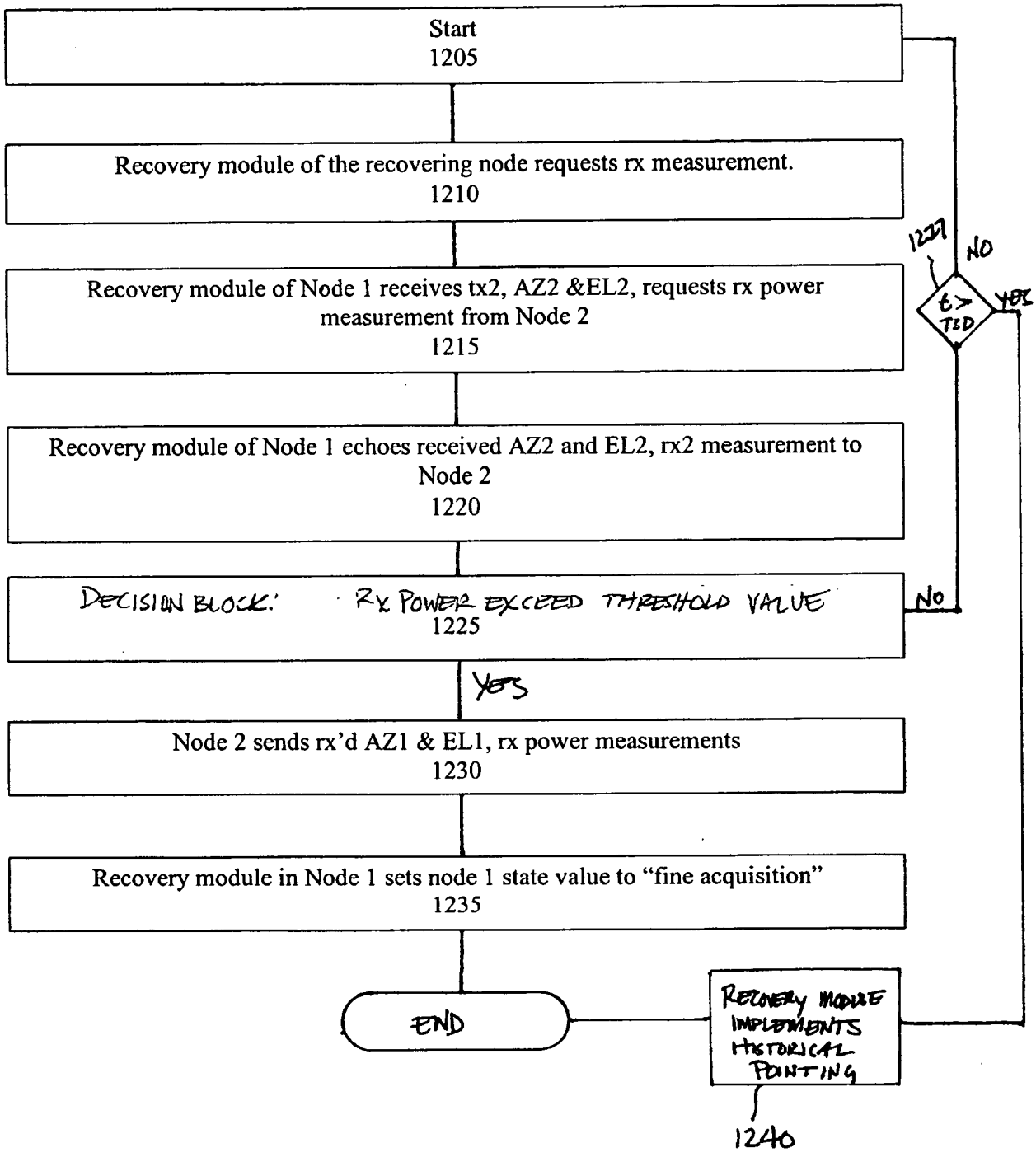

FIG. 12 RECOVERY MODULE

D05552 : 09420

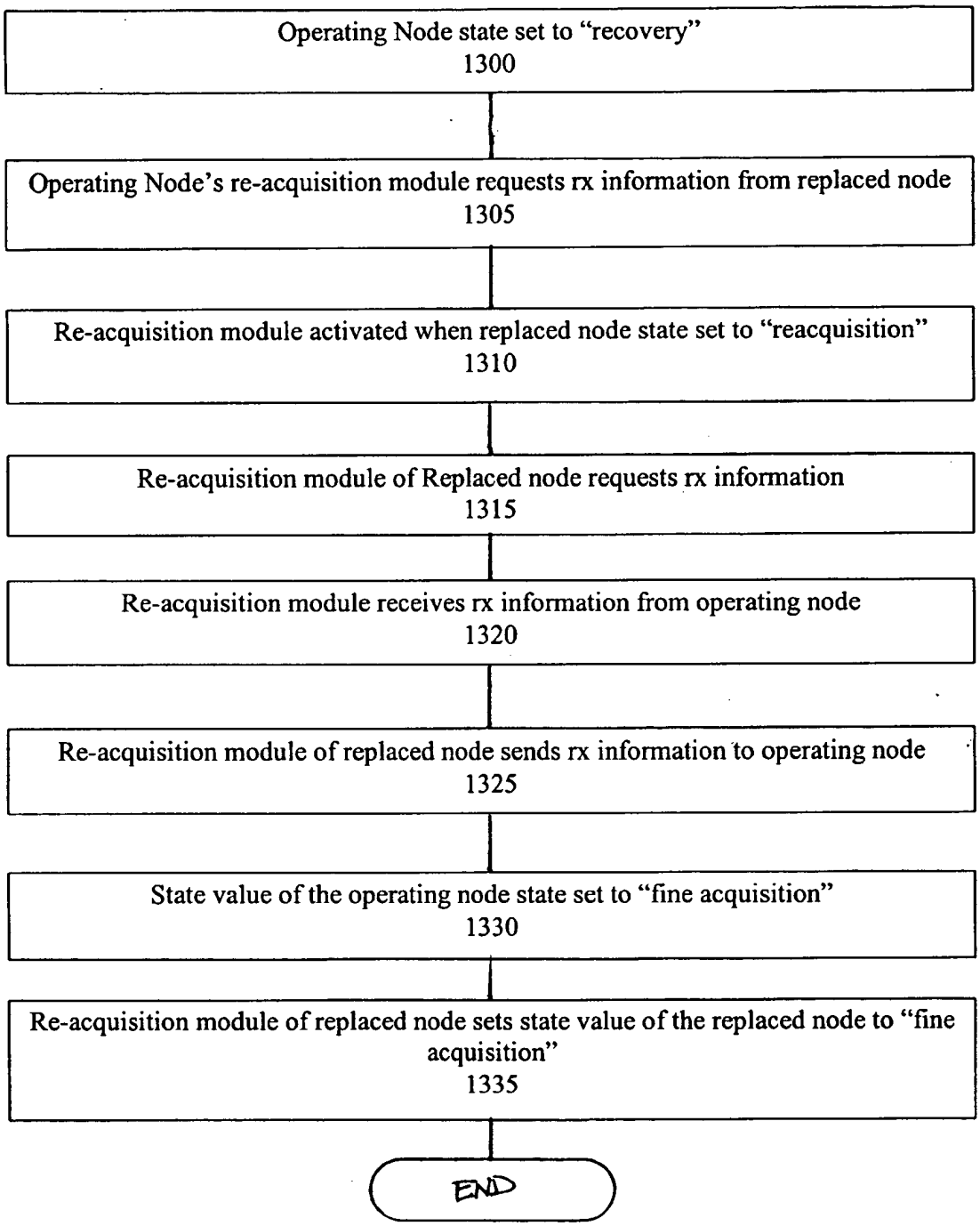

FIG. 13 RE-ACQUISITION